

CURRICULUM VITAE
JADA-SIMONE S. WHITE

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EDUCATIONAL HISTORY:

- Ph.D. Department of Biology, University of Florida, Gainesville, FL *Expected May 2010*
Advisors: Ben Bolker and Gustav Paulay
- B.S. Ecology & Evolution, University of California, Santa Barbara, CA 2002
Advisors: Sally Holbrook and Russ Schmitt, *cum laude*
- A.S. Biological Sciences, Butte Community College, Oroville, CA, *cum laude* 1999

RESEARCH AND PROFESSIONAL EXPERIENCE:

- 2008-09 *Fellow*, ISRS/ OC Coral Reef Ecosystem Graduate Research, Moorea, F.P.
- 2008-09 *Fellow*, UF - Howard Hughes Medical Institute Group Advantaged Training Of Research (G.A.T.O.R.) Mentor Program, L. Guillette, University of Florida (UF).
- 2006-07 *Fellow*, French-American Cultural Exchange (FACE) Ocean Bridges Program (10 month exchange paired with French graduate student, Adrien Delval), Florida-Moorea-France.
- 2005-08 *Fellow*, NSF Graduate Research Fellowship Program, Florida, Moorea, France.
- 2003-05 *Research Assistant*, Moorea, French Polynesia (Cryptic density dependence: the effects of spatial, ontogenetic, and individual variation in reef fish), C.W. Osenberg, C. St. Mary, B. Bolker, UF, J.S. Shima, University of Victoria, Wellington, New Zealand.
- 2003 *Research Assistant*, Moorea, French Polynesia (Ecotechnology: Developing interdisciplinary solutions to conservation bottlenecks), R.J. Schmitt and S.J. Holbrook, University of California at Santa Barbara (UCSB).
- 2002-03 *Laboratory Assistant II*, Coastal Research Center, Marine Science Institute (Administered grants and processed quarterly and annual reports for the US MMS and UC Toxic Substances Research and Training Program), R.J. Schmitt, UCSB.
- 2002 *Research Assistant*, Moorea, French Polynesia (Population regulation in a mutualistic reef fish (*Ctenogobiops feroculus*)), A.R. Thompson, UCSB.
- 2001-02 *Laboratory Assistant I*, Coastal Marine Institute, MSI (Developed digital identification program: Moorea Fish Guide), A.J. Brooks and R.J. Schmitt, UCSB.
- 2001-02 *Undergraduate Senior Honors Thesis* (Distribution and abundance of sessile epifauna on dominant massive coral, *Porites* spp., in Moorea, French Polynesia), Advisors: R.J. Schmitt and S.J. Holbrook, UCSB.
- 2001-02 *Research Assistant*, Santa Cruz Island, Channel Islands, California (Long term subtidal monitoring program), S.J. Holbrook, UCSB.
- 2001 *Research Assistant*, Moorea, French Polynesia (Population dynamics of mutualistic organisms in marine systems), A.R. Thompson, UCSB.
- 2000 *Scientific Aide*, California Dept. of Water Resources, Environmental Services Branch Office (Salmonid monitoring programs on Feather River and tributaries), Oroville, California, J. Kindopp, Research Biologist.
- 1998-00 *Scientific Aide*, California Dept. of Fish and Game, Water and Aquatic Habitat Conservation Department Stream Evaluation Program (in relation to salmonid populations in northern rivers), Red Bluff, California, S. Hill, Research Biologist.

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TEACHING EXPERIENCE:

- 2009 *Teaching Assistant* (FALL), Evolution, C. Baer, Dept. of Biology, UF
- 2008-10 *Mentor*, Senior Honors Thesis for Crystal Hartman* (*In Progress*)
- 2007-09 *Mentor*, Senior Honors Thesis for Emily A. Vuxton* (currently MS student at Duke)
- 2005-07 *Mentor*, Senior Honors Thesis for Shelby E. Boyer* (currently MS student at MLML)
- 2004-05 *Mentor*, Senior Honors Thesis for James O'Donnell* (currently Ph.D. student at UCSC)
- 2004 *Teaching Assistant*, (FALL) General Ecology, C.W. Osenberg, Dept. of Zoology, UF
- 2004 *Teaching Assistant*, (SPRING) General Ecology, J.R. Vonesh, Dept. of Zoology, UF
- 2004 *Tutor*, Academic Success (Students with Learning Disabilities), Gainesville, FL
- 2003 *Volunteer*, Natural History Tours, Florida Museum of Natural History, UF
- 2003 *Volunteer*, Touch Tank Tours, Marine Science Education Center, MSI, UCSB
- 2002-03 *Volunteer*, Elementary School Tours, Carpinteria Salt Marsh, MSI, UCSB
- 2002 *Docent*, Floating Lab Program, M.S.E.C., M.S.I., UCSB, Director: S. Gaines
- 2001 *Undergraduate Teaching Assistant*, Biology of Fishes, R.R. Warner, UCSB

GRANT, FELLOWSHIP, AND SCHOLARSHIP FUNDING:

- 2008-09 *Graduate Fellowship in Coral Reef Ecosystem Research*, International Society for Reef Studies (ISRS) and Ocean Conservancy (OC), \$15,000.
- 2008 *Mentoring Fellowship*, HHMI G.A.T.O.R. Program, Stipend and tuition for myself & two undergraduates during summer research 2008, ~\$10,000.
- 2007 *Research Grant*, Project AWARE Foundation Asia-Pacific Office, \$1,000 (AUD).
- 2006 *Ocean Bridges Fellowship*, French-American Cultural Exchange Program, ~\$10,000.
- 2005 *Junior Researcher Fellowship*, Gump Biological Field Station, \$2,000.
- 2005 *International Travel Allowance*, National Science Foundation, \$1000.
- 2005 *Graduate Research Fellowship*, National Science Foundation, \$121,500 (over 3 yrs).
- 2004 *Lerner-Grey Fund for Marine Research*, American Museum of Natural History, \$1705.
- 2004 *Raney Fund Award*, American Society of Ichthyologists and Herpetologists, \$1000.
- 2003 *Alumni Fellowship*, Department of Zoology, University of Florida, \$67,500 (over 3 yrs).
- 2002 *Worster Award for Undergraduate Research*, Department of Ecology, Evolution and Marine Biology, University of California at Santa Barbara, \$5000.
- 2001 *Research Training Grant in Spatial Ecology* (NSF BIR94-13141 to W. Murdoch), \$3600.
- 2001 *Research Training Grant in Spatial Ecology* (NSF BIR94-13141 to W. Murdoch), \$3600.

AWARDS AND HONORS:

- 2009 *Best Graduate Student Presentation*, 1st UF Marine Biology Symp., St. Augustine, FL.
- 2003 *Audrey Lynn Copeland Memorial Award for Excellence*, Department of Ecology, Evolution and Marine Biology, University of California at Santa Barbara.
- 2002-03 *Honorable Mention*, National Science Foundation Graduate Research Fellowship.
- 2002 *Distinction in Major*, Department of Ecology, Evolution and Marine Biology, University of California at Santa Barbara.
- 2001 *Nejat Ezal Memorial Award for outstanding performance and service during AAUS Research Diving course*, University of California at Santa Barbara.

PROFESSIONAL CERTIFICATIONS:

- 2008 CPR/ First Aid/ O₂ Administration (CURRENT, since 1995)
- 2008 Master Diver (NAUI) / Nitrox Diver (NAUI) / Rescue Diver (NAUI - Refresher)
- 2001 Permis de Mer (French Boating License, Moorea, French Polynesia)
- 2001 Research Diving Certification, American Academy of Underwater Science (AAUS)

*Denotes undergraduate researcher from the University of Florida

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PUBLICATIONS:

- Bolker, B.M., M. Brooks, C.J. Clark, S.W. Geange, J.R. Poulsen, M.H.H. Stevens, and **J.S. White**. (2009) Generalized linear mixed models: a practical guide for ecology and evolution. *Trends in Ecology and Evolution* 24(3): 127-135.
- Boyer*, S.E., **J.S. White**, A.C. Stier, and C.W. Osenberg (2009) Effects of the fish anesthetic clove oil (Eugenol) on coral health and growth, *Journal of Experimental Marine Biology and Ecology* 369(1): 53-57.

BOOK CHAPTERS:

- Osenberg, C.W., B.M. Bolker, **J.S. White**, C.M. St. Mary, and J.S. Shima (2006) Statistical issues and assessment of ecological restorations: Lessons from marine reserves. Pgs 280-302 in D. Falk, N. Palmer, and J. Zedler, (Eds.), *Foundations of Restoration Ecology*, Island Press, Washington, D.C.

TECHNICAL REPORTS:

- Lison de Loma[§], T., **J.S. White**, and S. Planes[§], 2008. Inventaire des communautés benthiques et ichtyologiques de Hatutu (Archipel des Marquises, Polynésie Française). Décembre 2008. UMS 2978 CNRS-EPHE, RA 158: 35 pp + 2 annexes.
- Lison de Loma[§], T., **J.S. White**, and S. Planes[§], 2008. Inventaire des communautés benthiques et ichtyologiques de l'île de Eiao (Archipel des Marquises, Polynésie Française). Décembre 2008. UMS 2978 CNRS-EPHE, RA 159: 39 pp + 2 annexes.
- Lison de Loma[§], T., **J.S. White**, and S. Planes[§], 2008. Inventaire des communautés benthiques et ichtyologiques de l'île de Mohotani (Archipel des Marquises, Polynésie Française). Décembre 2008. UMS 2978 CNRS-EPHE, RA 160: 38 pp + 2 annexes.
- Lison de Loma[§], T., **J.S. White**, and S. Planes[§], 2009. Inventaire des communautés benthiques et ichtyologiques de l'archipel des Actéons (Tuamotu de l'Est, Polynésie Française). Juin 2009. UMS 2978 CNRS-EPHE, RA 161: 35 pp + 25 annexes.

ORAL PRESENTATIONS:

- White, J.S.** and B.M. Bolker. Indirect effects of a key engineer alter demographic rates of foundation species. Ecological Society of America, Albuquerque, NM, USA, August 2009.
- White, J.S.** Factors limiting coral recovery in Moorea, French Polynesia, Pacific Science Inter-Congress, Tahiti, French Polynesia, March, 2009.
- White, J.S.**, S.E. Boyer*, and A. Delval[§]. Effects of farmed algal turf on coral health and survival. 1st Annual UF Marine Biology Symposium, Whitney Lab, St. Augustine, FL January, 2009.
- White, J.S.** Factors limiting coral recovery in Moorea, French Polynesia, 11th International Coral Reef Symposium, Fort Lauderdale, FL, USA, July, 2008.
- White, J.S.**, J.L. O'Donnell*, and C.W. Osenberg, Indirect effects of marine ecosystem engineer alter coral habitat composition, Western Society of Naturalists, Ventura, CA, USA, November 2007.
- White, J.S.** Effects of farmed algal turf on coral health and survival. Laboratoire des Ecosystèmes Aquatiques Tropicaux et Méditerranéens, Perpignan, France, June 2007.
- White, J.S.** Effects of a marine ecosystem engineer on the coral community in Moorea. Laboratoire des Ecosystèmes Aquatiques Tropicaux et Méditerranéens, France, May 2007.
- White, J.S.** Effects of a marine ecosystem engineer on coral growth and survival. Western Society of Naturalists, Seaside, California, USA, November 2005.
- White, J.S.** Variation in distribution and abundance of sessile epifauna on massive coral, *Porites* spp. Western Society of Naturalists, Monterey Bay, California, USA, November 2002.

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§Denotes French collaborator from C.R.I.O.B.E. / University of Perpignan (France)

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POSTER PRESENTATIONS:

- Hartman, C.D.* , **J.S. White**, and C.W. Osenberg. Effects of farmerfish on vermetid gastropods. 1st UF Marine Biology, St. Augustine, FL, USA, January 2009.
- Vuxton, E.A.* , **J.S. White**, and B.M. Bolker. Effects of the dusky farmerfish, *Stegastes nigricans*, on algal community structure. 1st UF Marine Biology, St. Augustine, FL, USA, January 2009.
- Vuxton, E.A.* and **J.S. White**. Effects of the dusky farmerfish, *Stegastes nigricans*, on algal communities. Western Society of Naturalists, Victoria, British Columbia, Canada, November 2008.

ACTIVITIES AND SERVICE:

- 2005-06 *Co-Founder and President, Women in Science and Engineering (WISE), UF.*
- 2004-05 *Seminar Committee, Zoology Graduate Student Association (ZGSA), UF.*
- 2004 *Graduate Student Representative, Field Ecology Faculty Search, Dept. of Zoology, UF.*
- 2001-02 *Volunteer, Western Society of Naturalists, Ventura and Monterey Bay, CA*

1 October 2009

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